

# DATA ITEM DESCRIPTION

Form Approved  
OMB No. 0704-0188

## 2. TITLE

CERTIFICATION DEMONSTRATION PROCEDURES

## 1. IDENTIFICATION NUMBER

DI-RELI-80323

## 3. DESCRIPTION / PURPOSE

3.1 These procedures are used in the analysis, evaluation, surveillance, and approval of systems performance and maintenance, in compliance with certification requirements.

## 4. APPROVAL DATE (YYMMDD)

870220

## 5. OFFICE OF PRIMARY RESPONSIBILITY (OPR)

N/FLTAC 3241

## 6a. DTIC APPLICABLE

## 6b. GIDEP APPLICABLE

## 7. APPLICATION / INTERRELATIONSHIP

7.1 This DID contains the format and content preparation instructions for the data product generated by the specific and discrete task requirement as delineated in the contract.

7.2 This DID is applicable to all systems or equipment contracts requiring certification demonstration.

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## 8. APPROVAL LIMITATION

## 9a. APPLICABLE FORMS

## 9b. AMSC NUMBER

N4071

## 10. PREPARATION INSTRUCTIONS

10.1 General. Certification demonstration procedures (CDP) shall consist of complete procedures necessary to demonstrate that the test system is functioning per prescribed requirements, is entirely suitable for its intended function and is maintained properly. The CDP shall contain, in detail, the interrelationships among engineering design requirements of units-under-test, test systems capabilities, and controlling documentation for test systems and product.

10.2 Content and format. The CDP shall be in contractor format, and shall include the following:

10.2.1 Documentation to be used for demonstration. This section shall identify the product fabrication specification, production acceptance procedure, test system operating and controlling procedures, test system software, calibration procedures and records.

10.2.2 Supporting documentation. This section shall identify test system schematics, assembly drawings and system software manuals and descriptions.

10.2.3 Physical-layout of test system. This section shall give the document and page number where a diagram of the test system physical layout is located, interface requirements and component test hook-up.

10.2.4 Type and number of tests to be conducted. This section shall identify, by document and test number, the tests to be conducted as part of the certification demonstration.

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## 11. DISTRIBUTION STATEMENT

DISTRIBUTION STATEMENT A: Approved for public release; distribution is unlimited.

Block 7, Application/Interrelationship (Continued)

7.3 Procedures are normally required for each test item requiring certification.

7.4 This DID supersedes UDI-R-20339D.

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Block 10, Preparation Instruction (Continued)

10.2.5 Hardware required to conduct the demonstration. This section shall list all hardware and ancillary test equipment required for the certification demonstration.

10.2.6 Stability and accuracy. This section shall identify accuracy requirements for specific equipments as well as the recommended calibration interval.

10.2.7 Control functions. This section shall contain a configuration control log, listing the baseline drawings and all major/critical waivers and deviations, for each test set. Evidence shall be included of test stations in the calibration recall system.

10.2.8 Certification scheduling. This section shall contain a schedule, listing anticipated date of contractor provision of above documentation and planned demonstrations.